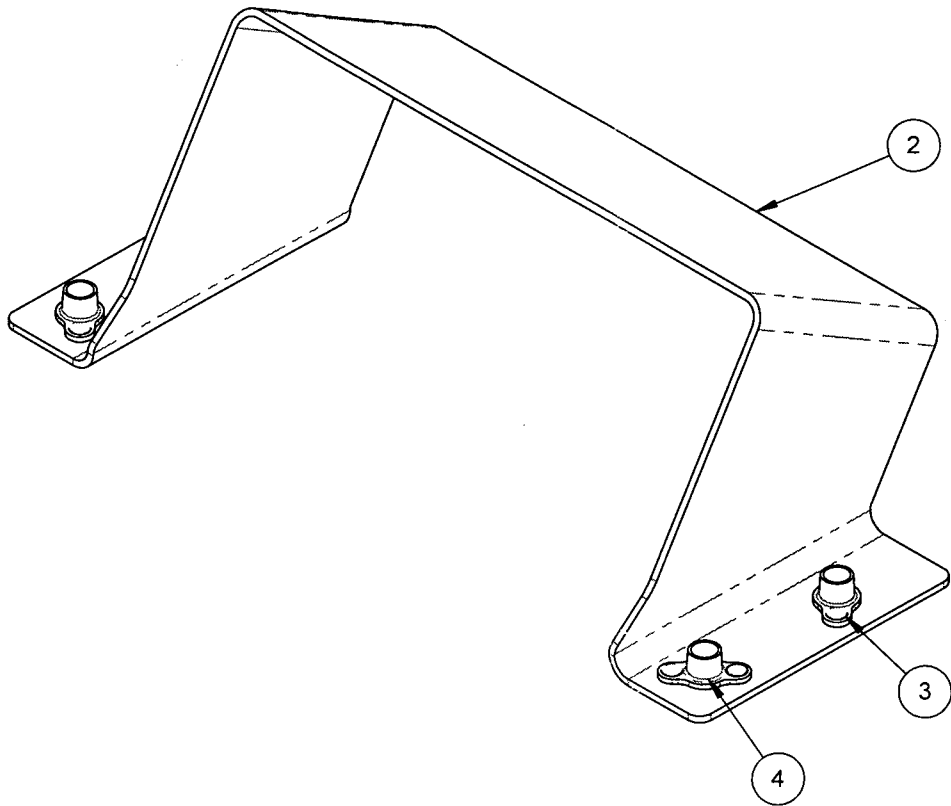


ITEM	QTY -041	PART NUMBER	DESCRIPTION
1	X	D4391-041	BRACKET ASSEMBLY
2	1	D4391-1	BRACKET
3	8	MS20426AD3	RIVET
4	4	MS21069L3	ANCHOR NUT



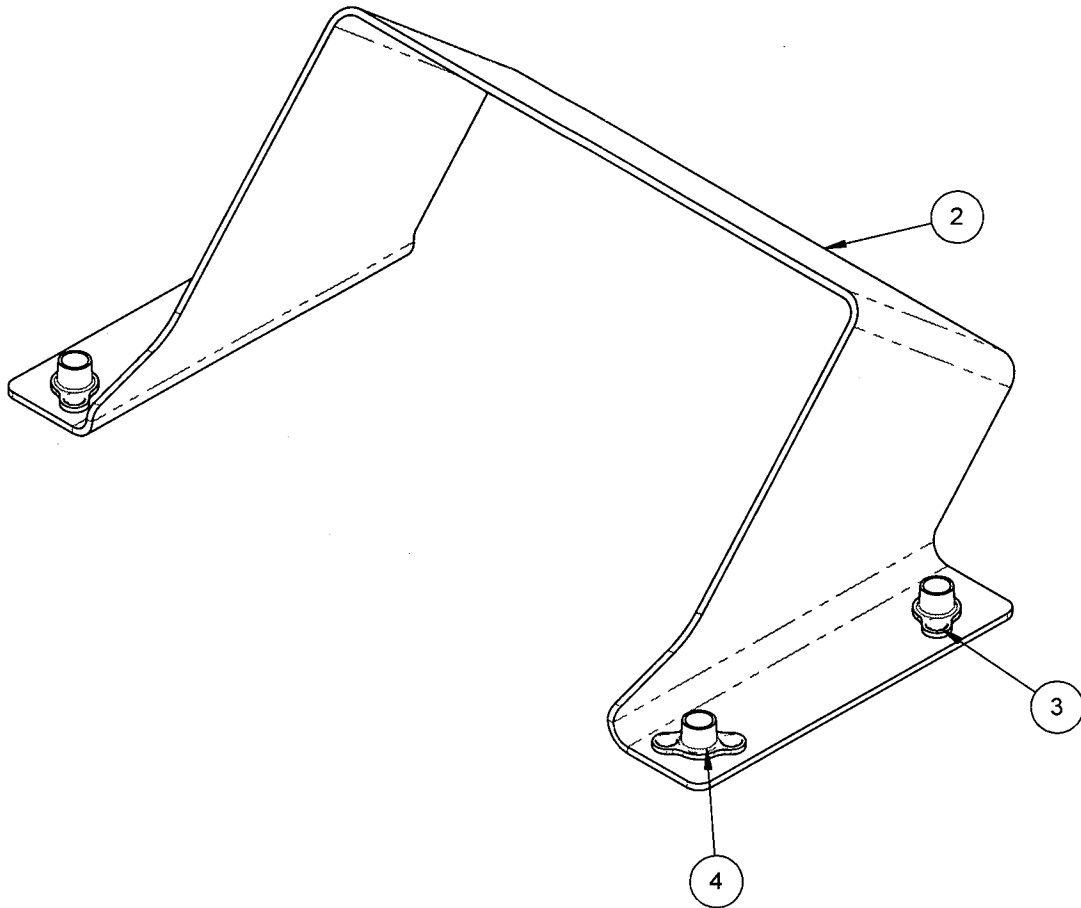
**D4391-041 BRACKET ASSEMBLY**

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 0.19 lbs

DESIGN	RMF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	<del>RF</del>	DRAWING NO.	REV. A
MFG. APPR.	N/A	<b>D4391</b>	SHEET 1 OF 13
APPROVED	<del>RF</del>	TITLE	SCALE
DE APPR.	<del>RF</del>	<b>BRACKET ASSEMBLY</b>	NTS
DATE	11.04.19	COPYRIGHT © 2011 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

ITEM	QTY -043	PART NUMBER	DESCRIPTION
1	X	D4391-043	BRACKET ASSEMBLY
2	1	D4391-3	BRACKET
3	8	MS20426AD3	RIVET
4	4	MS21069L3	ANCHOR NUT



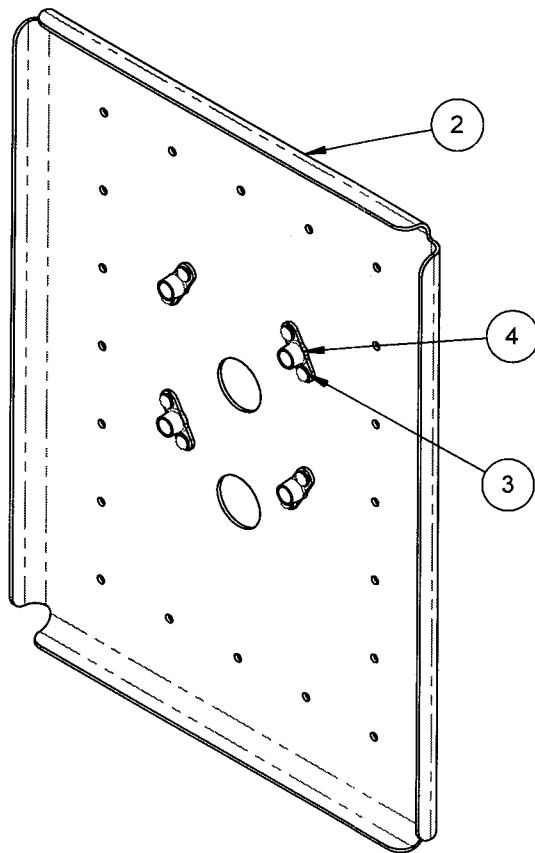
D4391-043 BRACKET ASSEMBLY

RELEASED  
2012 -12- 19  
[Signature]

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: N/A
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
  - 7) WEIGHT: 0.21 lbs

DESIGN	RMF	<b>DART AEROSPACE LTD</b>	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	[Signature]	DRAWING NO.	REV. A
MFG. APPR.	N/A	D4391	SHEET 2 OF 13
APPROVED	[Signature]	TITLE	SCALE
DE APPR.	[Signature]	BRACKET ASSEMBLY	NTS
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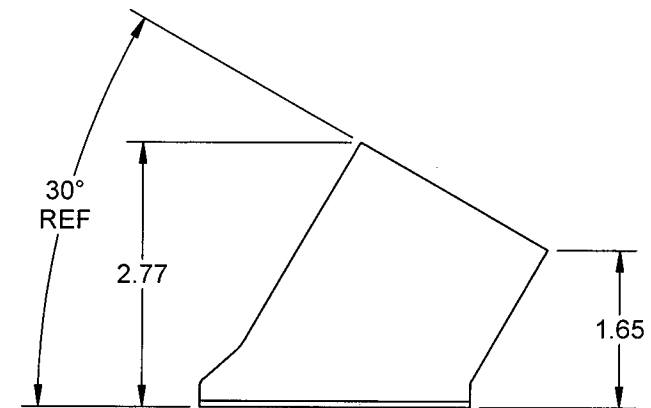
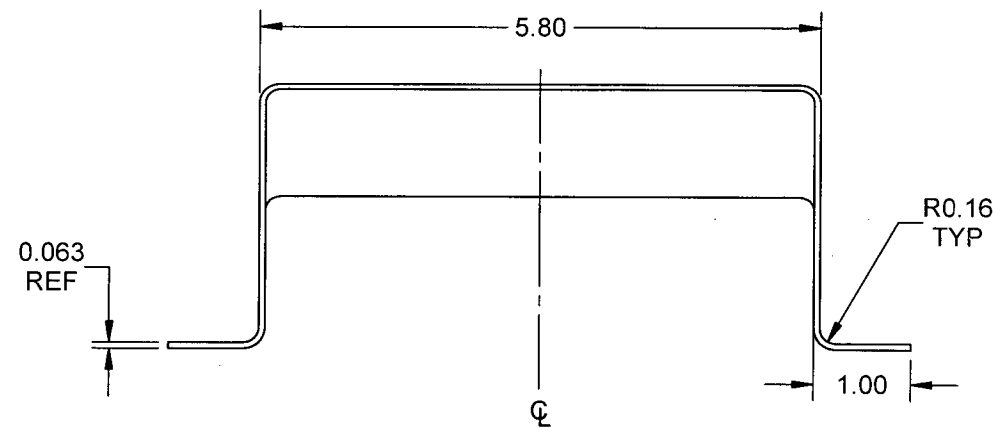
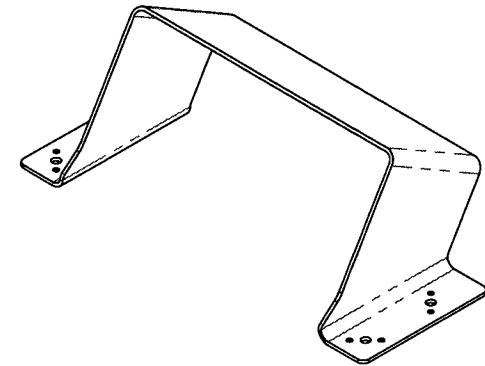
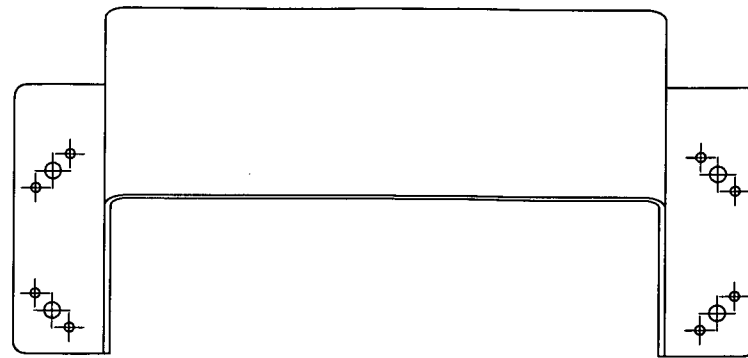
ITEM	QTY -045	PART NUMBER	DESCRIPTION
1	X	D4391-045	DOUBLER ASSEMBLY
2	1	D4391-5	DOUBLER
3	8	MS20426AD3	RIVET
4	4	MS21069L08	NUT PLATE



D4391-045 DOUBLER ASSEMBLY

NOTES:  
1) MATERIAL: N/A  
2) FINISH: N/A  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX  
6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1  
7) WEIGHT: 0.22 lbs

DESIGN	RMF	<b>DART AEROSPACE LTD</b>	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	<b>D4391</b>	SHEET 3 OF 13
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	<b>BRACKET ASSEMBLY</b>	NTS
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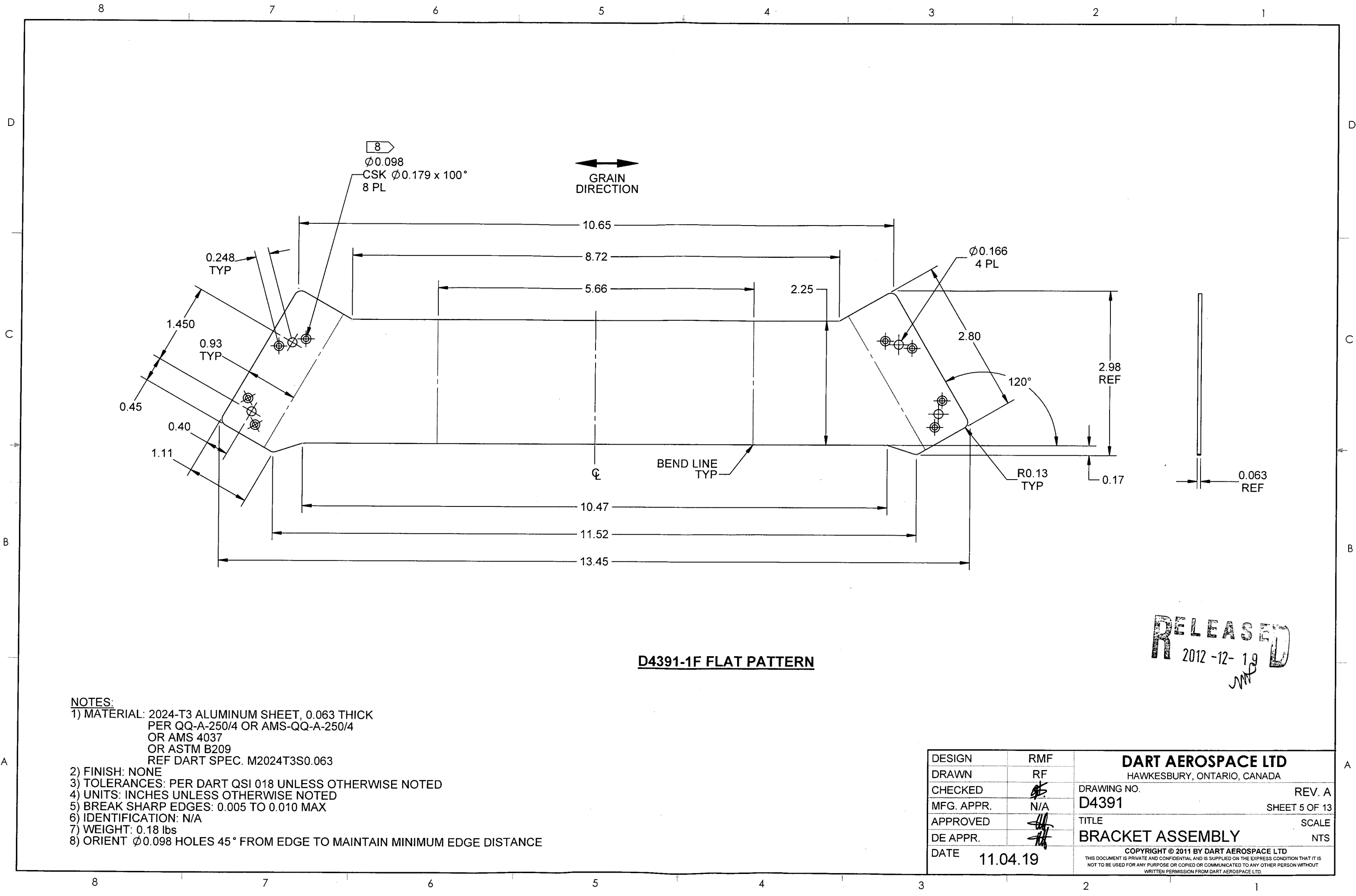
**D4391-1 BRACKET**

RELEASED  
2012-12-19  
MP

**NOTES:**

- 1) MATERIAL: MAKE FROM D4391-1F FLAT PATTERN
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.18 lbs

DESIGN	RMF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	<i>[Signature]</i>	DRAWING NO. <b>D4391</b>	REV. A
MFG. APPR.	N/A	SHEET 4 OF 13	
APPROVED	<i>[Signature]</i>	TITLE <b>BRACKET ASSEMBLY</b>	SCALE NTS
DE APPR.	<i>[Signature]</i>	<small>COPYRIGHT © 2011 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	
DATE	11.04.19		



NOTES:

- 1) MATERIAL: 2024-T3 ALUMINUM SHEET, 0.063 THICK  
PER QQ-A-250/4 OR AMS-QQ-A-250/4  
OR AMS 4037  
OR ASTM B209  
REF DART SPEC. M2024T3S0.063
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.18 lbs
- 8) ORIENT  $\varnothing 0.098$  HOLES 45° FROM EDGE TO MAINTAIN MINIMUM EDGE DISTANCE

DESIGN	RMF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	<i>[Signature]</i>	DRAWING NO. <b>D4391</b>	REV. A
MFG. APPR.	N/A	SHEET 5 OF 13	
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	<b>BRACKET ASSEMBLY</b>	NTS
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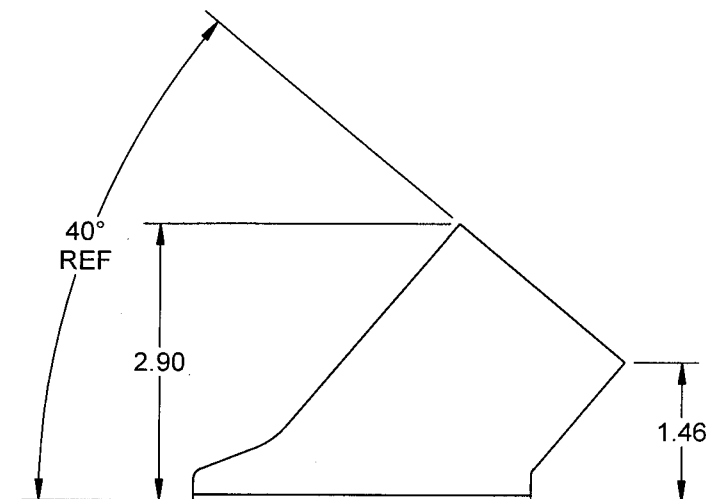
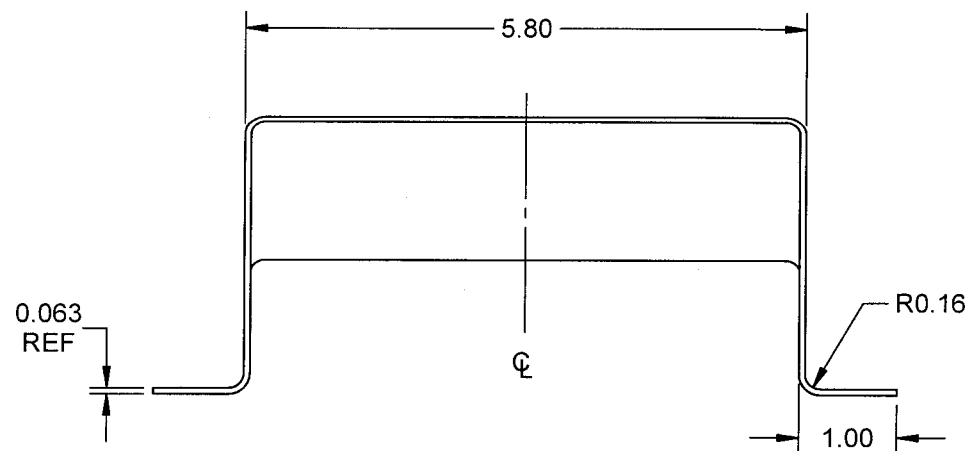
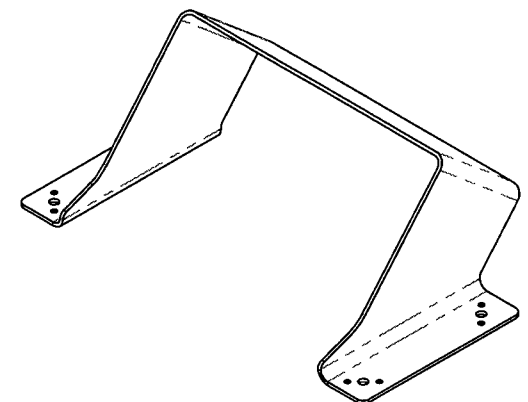
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**D4391-3 BRACKET**

**NOTES:**

- 1) MATERIAL: MAKE FROM D4391-3F FLAT PATTERN
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.20 lbs

**RELEASED**  
2012-12-19  
*MD*

DESIGN	RMF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	<b>D4391</b>	SHEET 6 OF 13
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	<b>BRACKET ASSEMBLY</b>	NTS
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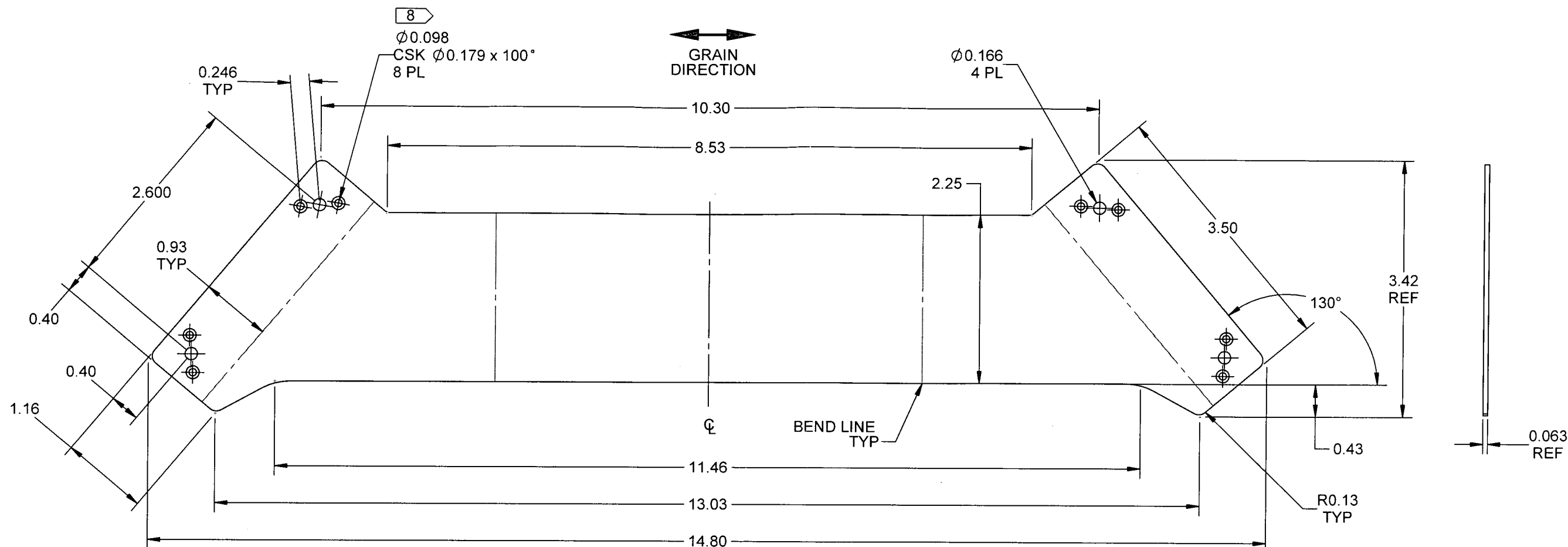
8 7 6 5 4 3 2 1

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**D4391-3F FLAT PATTERN**

**RELEASED**  
2012-12-19  
MD

**NOTES:**

- 1) MATERIAL: 2024-T3 ALUMINUM SHEET, 0.063 THICK  
PER QQ-A-250/4 OR AMS-QQ-A-250/4  
OR AMS 4037  
OR ASTM B209  
REF DART SPEC. M2024T3S0.063
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.20 lbs
- 8) ORIENT  $\phi 0.098$  HOLES  $45^\circ$  FROM EDGE TO MAINTAIN MINIMUM EDGE DISTANCE

DESIGN	RMF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	<b>D4391</b>	SHEET 7 OF 13
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	<b>BRACKET ASSEMBLY</b>	NTS
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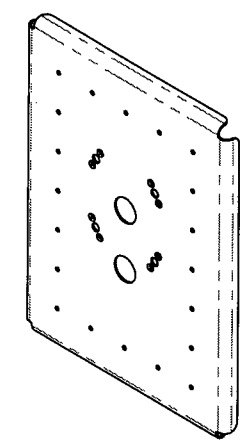
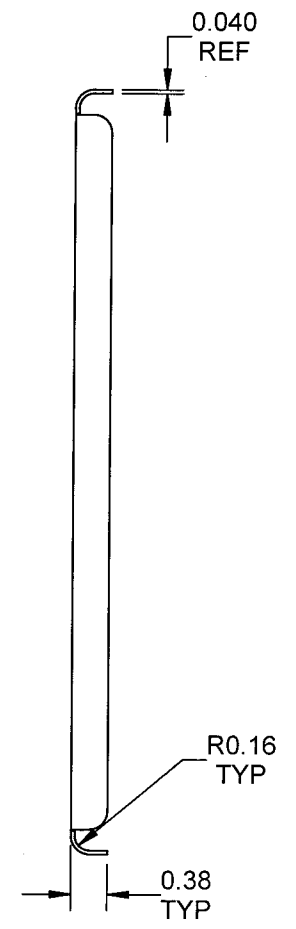
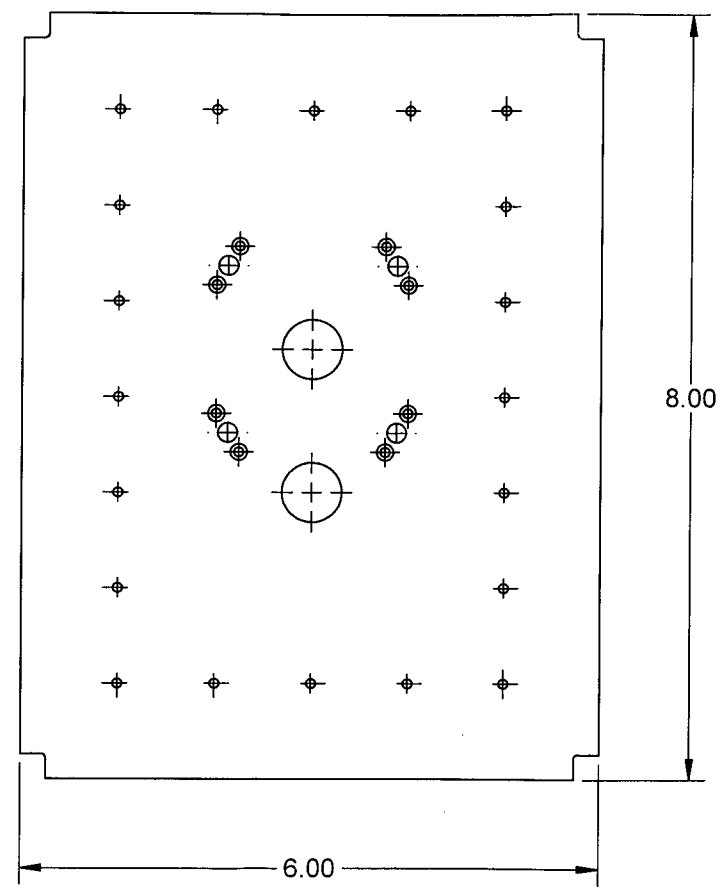
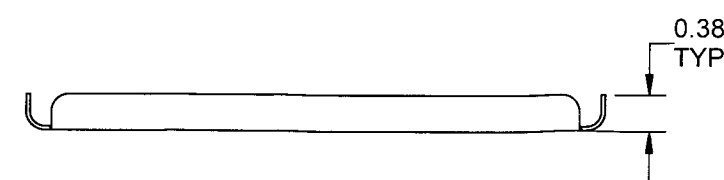
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**D4391-5 DOUBLER**

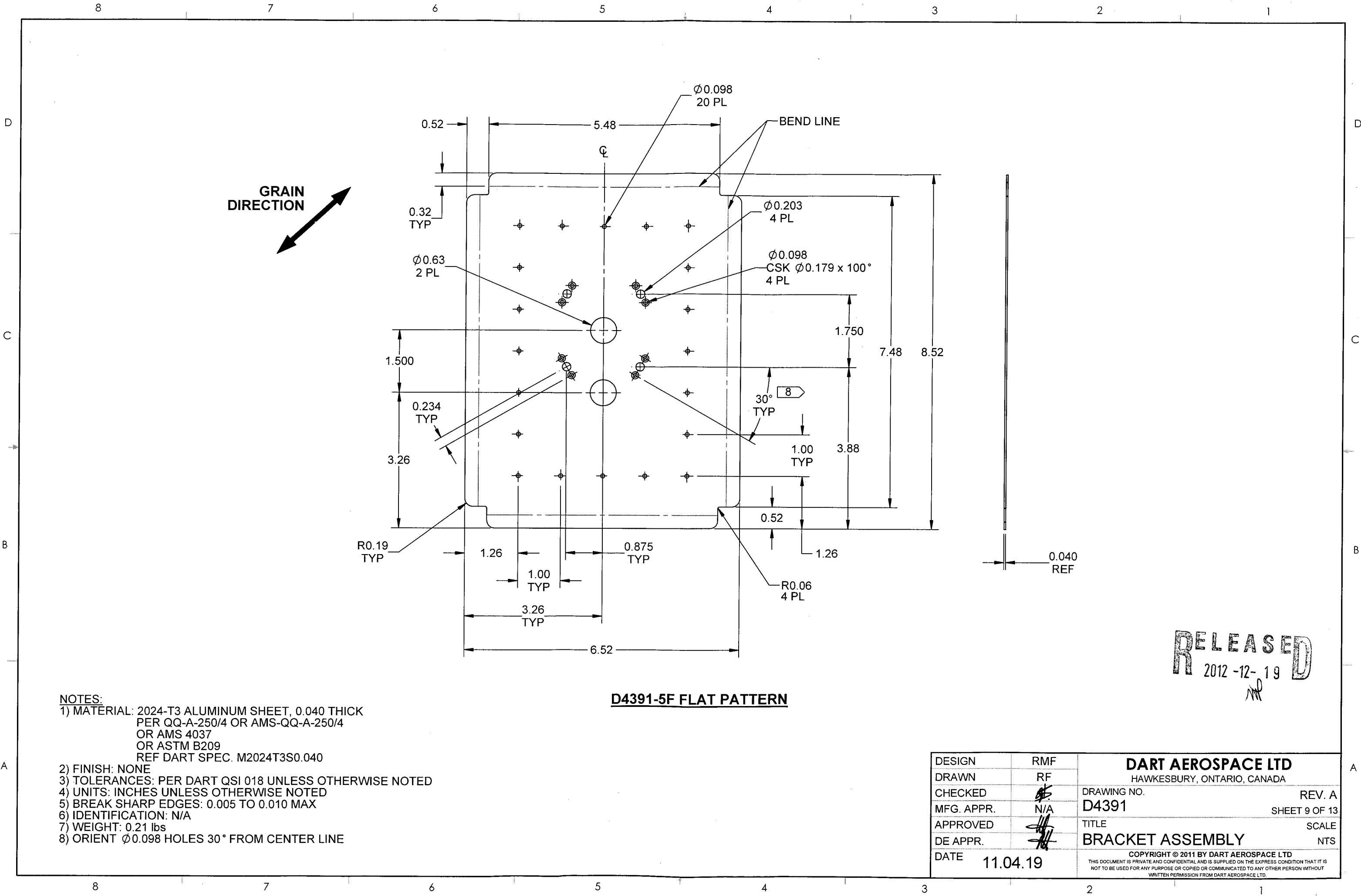
**RELEASED**  
2012-12-19  
MD

- NOTES:**
- 1) MATERIAL: MAKE FROM D4391-5F FLAT PATTERN
  - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: N/A
  - 7) WEIGHT: 0.21 lbs

DESIGN	RMF	<b>DART AEROSPACE LTD</b>	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	<b>D4391</b>	SHEET 8 OF 13
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	<b>BRACKET ASSEMBLY</b>	NTS
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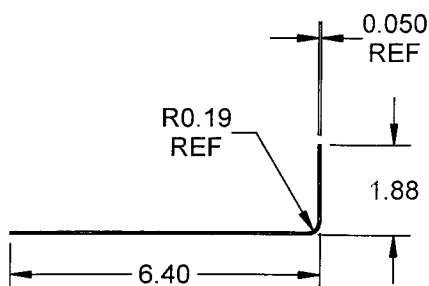
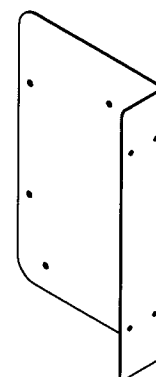
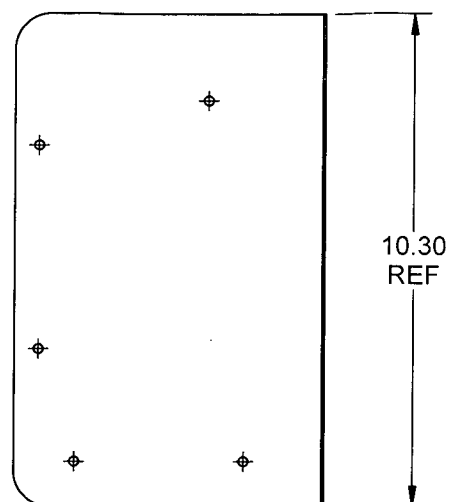
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### D4391-7 BRACKET

#### NOTES:

- 1) MATERIAL: MAKE FROM D4391-7F FLAT PATTERN
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 0.42 lbs

DESIGN	RMF	<b>DART AEROSPACE LTD</b>	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	<b>D4391</b>	SHEET 10 OF 13
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	<b>BRACKET ASSEMBLY</b>	NTS
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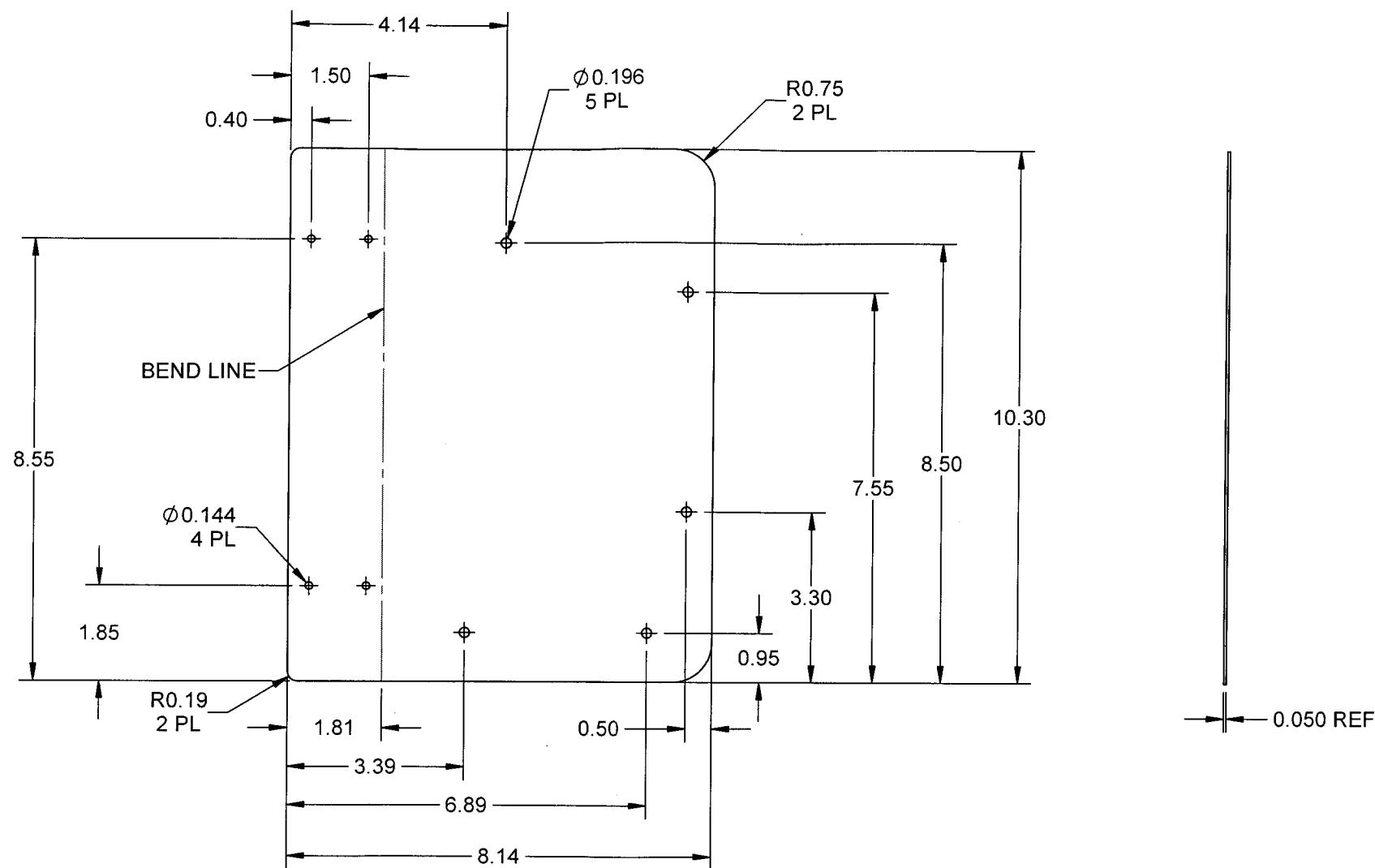
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# **D4391-7F FLAT PATTERN**

## **NOTES:**

- 1) MATERIAL: 2024-T3 ALUMINUM SHEET, 0.050 THICK  
PER QQ-A-250/4 OR AMS-QQ-A-250/4  
OR AMS 4037  
OR ASTM B209  
REF DART SPEC. M2024T3S0.050
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.42 lbs

**RELEASED**  
2012-12-19  
MD

DESIGN	RMF	<b>DART AEROSPACE LTD</b>	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	<b>D4391</b>	SHEET 11 OF 13
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	<b>BRACKET ASSEMBLY</b>	NTS
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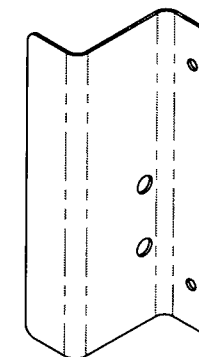
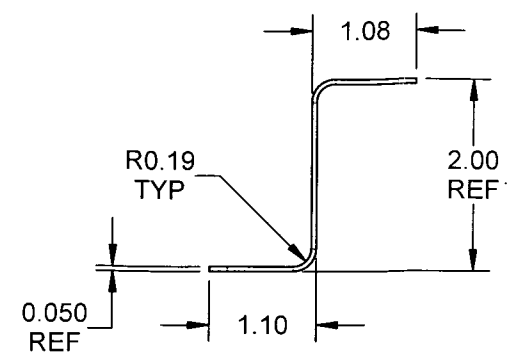
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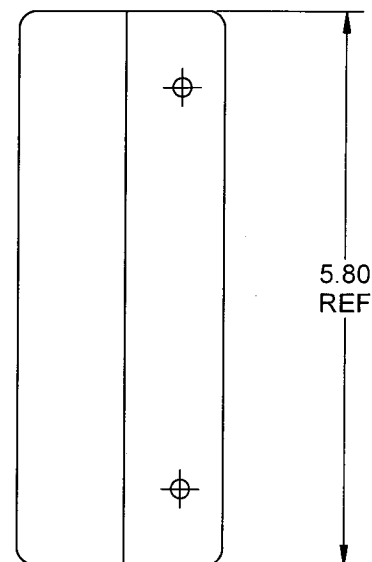
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### D4391-9 BRACKET

RELEASED  
2012-12-19  
MD

#### NOTES:

- 1) MATERIAL: MAKE FROM D4391-9F FLAT PATTERN
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 0.11 lbs

A

A

DESIGN	RMF	<b>DART AEROSPACE LTD</b>	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	<b>D4391</b>	SHEET 12 OF 13
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	<b>BRACKET ASSEMBLY</b>	NTS
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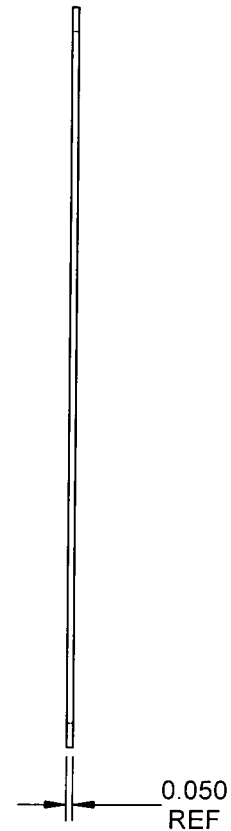
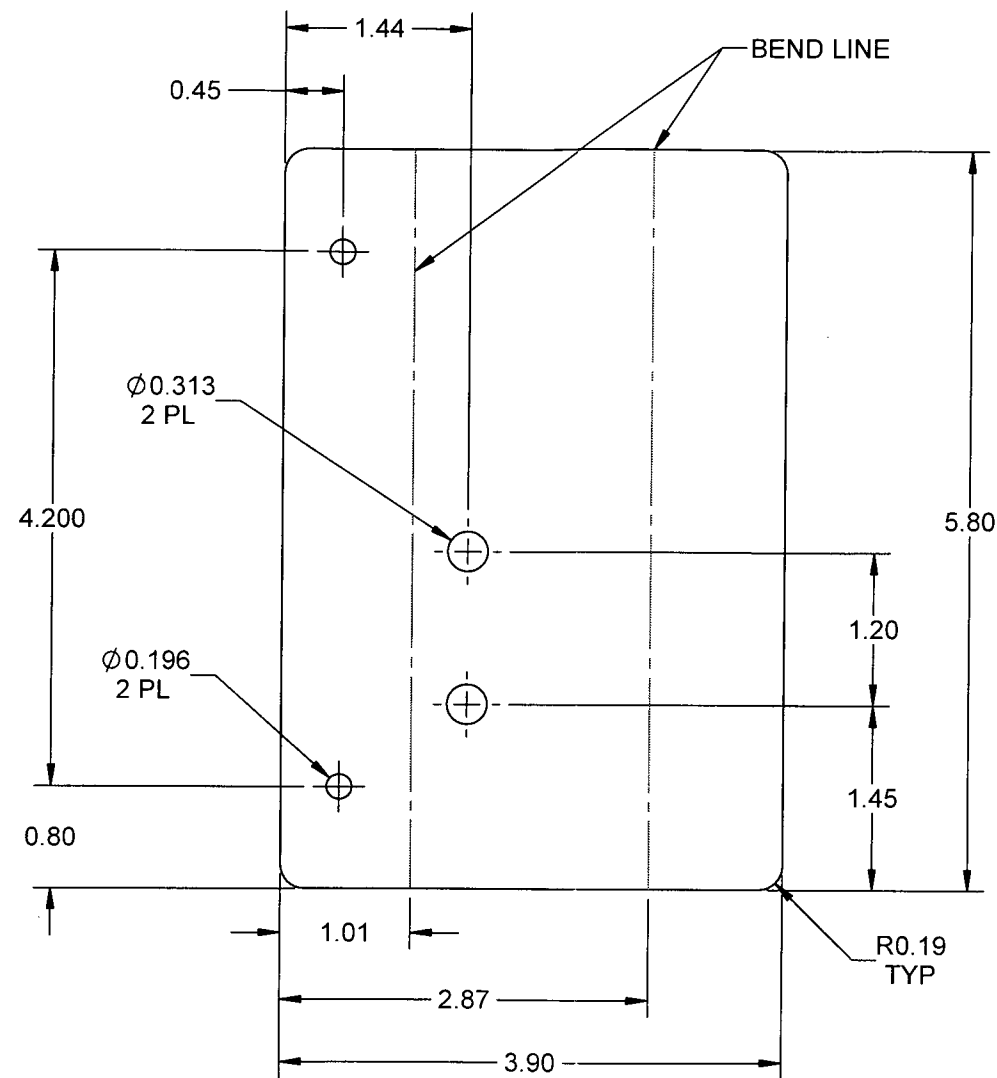
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# **D4391-9F FLAT PATTERN**

RELEASED  
2012-12-19

## **NOTES:**

- 1) MATERIAL: 2024-T3 ALUMINUM SHEET, 0.050 THICK  
PER QQ-A-250/4 OR AMS-QQ-A-250/4  
OR AMS 4037  
OR ASTM B209  
REF DART SPEC. M2024T3S0.050
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.11 lbs

DESIGN	RMF	<b>DART AEROSPACE LTD</b>	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<del>RF</del>	DRAWING NO.	REV. A
MFG. APPR.	N/A	D4391	SHEET 13 OF 13
APPROVED	<del>RF</del>	TITLE	SCALE
DE APPR.	<del>RF</del>	BRACKET ASSEMBLY	NTS
DATE	11.04.19	COPYRIGHT © 2011 BY DART AEROSPACE LTD	
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